
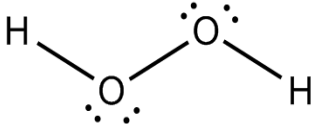
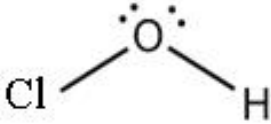

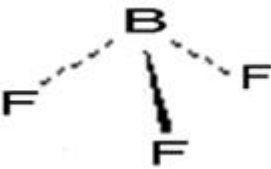
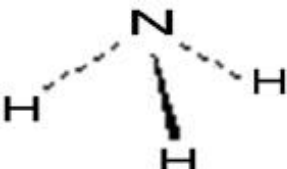
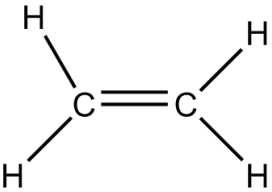
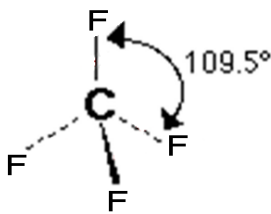
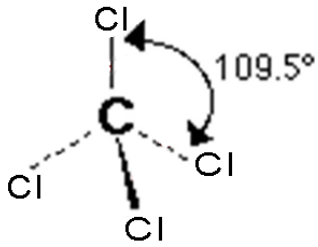

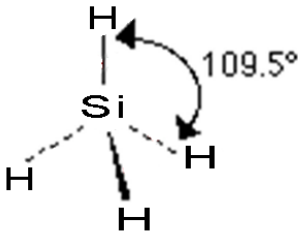

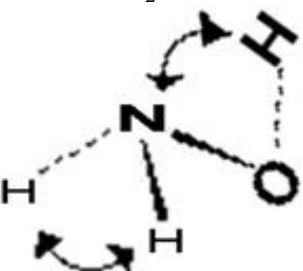
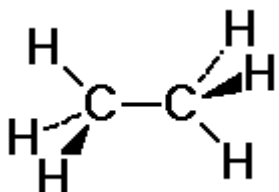

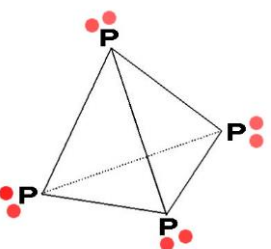

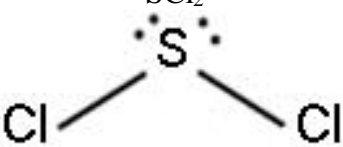
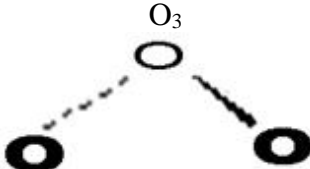
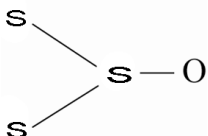
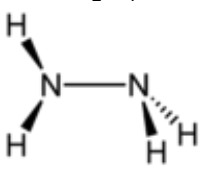



ANSWERS: Crystal ball questions on Shapes of molecules

N_2  180° linear	H_2O_2  bent/v-shaped less than 109.5°	HOCl  bent/v-shaped less than 109.5°	F_2 or Cl_2 or Br_2 or I_2  180° linear
BF_3 or BCl_3  trigonal planar 120°	NH_3  trigonal pyramidal less than 109.5°	C_2H_4  trigonal planar 120°	CF_4  tetrahedral
CCl_4  tetrahedral	BeCl_2  180° linear	SiH_4  tetrahedral	Br_2  linear 180°
NH_2OH  trigonal pyramidal as well as bent or v-shaped both angles less than 109.5°	C_2H_6  109.5° tetrahedral	HNO_2  bent or v-shaped less than 109.5°	P_4  trigonal pyramidal shape around each P atom 109.5° but with a tetrahedral shape overall
C_2H_2  180° linear	SCl_2  less than 109.5° bent or v-shaped	O_3  bent or v-shaped less than 120°	SO_3  120° trigonal planar
N_2H_4  trigonal pyramid less than 109.5°	CO  linear 180°		